

Data File : VN055403.D
Acq On : 3 May 2019 20:48
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/6/2019 10:47:31 AM

Quant Time: May 04 01:36:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	391475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	645349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	257210	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	206223	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.09	98	747492	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	251206	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	212867	44.381	ug/l	100
3) Chloromethane	2.06	50	243983	41.080	ug/l	99
4) Vinyl Chloride	2.19	62	220744	46.109	ug/l	98
5) Bromomethane	2.57	94	117311	46.260	ug/l	98
6) Chloroethane	2.71	64	124816	48.127	ug/l	98
7) Trichlorofluoromethane	3.02	101	317667	46.664	ug/l	99
8) Diethyl Ether	3.41	74	120998	50.803	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	187603	46.278	ug/l	99
10) Methyl Iodide	3.96	142	267445	46.879	ug/l	100
11) Tert butyl alcohol	4.78	59	69207	236.030	ug/l	99
12) 1,1-Dichloroethene	3.74	96	182352	47.154	ug/l	97
13) Acrolein	3.61	56	41643	181.856	ug/l	97
14) Allyl chloride	4.33	41	389232	48.598	ug/l	99
15) Acrylonitrile	4.99	53	409148	248.251	ug/l	99
16) Acetone	3.82	43	314405	197.026	ug/l	98
17) Carbon Disulfide	4.06	76	412238	40.847	ug/l	100
18) Methyl Acetate	4.33	43	206392	53.159	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	563753	51.856	ug/l	98
20) Methylene Chloride	4.56	84	220765	45.325	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	190148	46.428	ug/l	99
22) Diisopropyl ether	5.95	45	832398	52.308	ug/l	97
23) Vinyl Acetate	5.90	43	2734013	262.138	ug/l	99
24) 1,1-Dichloroethane	5.85	63	418857	49.400	ug/l	99
25) 2-Butanone	6.84	43	483130	236.740	ug/l	98
26) 2,2-Dichloropropane	6.82	77	271178	46.316	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	233321	50.097	ug/l	100
28) Bromochloromethane	7.20	49	208050	48.679	ug/l	100
29) Tetrahydrofuran	7.21	42	326925	250.180	ug/l	99
30) Chloroform	7.37	83	389600	48.472	ug/l	99
31) Cyclohexane	7.66	56	360263	44.721	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	315519	48.368	ug/l	99
36) 1,1-Dichloropropene	7.79	75	281852	45.596	ug/l	99
37) Ethyl Acetate	6.93	43	220824	46.611	ug/l	99
38) Carbon Tetrachloride	7.78	117	259899	43.586	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	294562	44.819	ug/l	99
40) Benzene	8.04	78	856347	46.994	ug/l	100
41) Methacrylonitrile	7.18	41	132917	51.812	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	301106	46.654	ug/l	100
43) Isopropyl Acetate	8.17	43	391689	51.446	ug/l #	89
44) Trichloroethene	8.84	130	216842	46.679	ug/l	99
45) 1,2-Dichloropropane	9.12	63	252567	48.056	ug/l	99
46) Dibromomethane	9.21	93	133658	46.526	ug/l	98
47) Bromodichloromethane	9.40	83	299492	48.595	ug/l	99
48) Methyl methacrylate	9.20	41	184473	49.287	ug/l	99
49) 1,4-Dioxane	9.21	88	37221	962.009	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1043347	243.401	ug/l	98
52) Toluene	10.16	92	497119	47.546	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	271690	50.782	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	338974	50.817	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	188109	48.450	ug/l	98
56) Ethyl methacrylate	10.43	69	247791	51.852	ug/l	99
57) 1,3-Dichloropropane	10.71	76	332414	48.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	269422	185.052	ug/l	99
59) 2-Hexanone	10.75	43	638804	238.180	ug/l	99
60) Dibromochloromethane	10.90	129	198870	50.117	ug/l	99
61) 1,2-Dibromoethane	11.01	107	175095	48.792	ug/l	99
64) Tetrachloroethene	10.63	164	217606	49.079	ug/l	100
65) Chlorobenzene	11.43	112	510153	48.126	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	198647	47.858	ug/l	99
67) Ethyl Benzene	11.51	91	939019	49.055	ug/l	99
68) m/p-Xylenes	11.62	106	681206	99.699	ug/l	98
69) o-Xylene	11.95	106	339223	50.090	ug/l	98
70) Styrene	11.96	104	565883	54.421	ug/l	99
71) Bromoform	12.13	173	119295	51.795	ug/l #	98
73) Isopropylbenzene	12.25	105	900257	50.386	ug/l	100
74) N-amyl acetate	12.07	43	278842	48.363	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	213979	47.941	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	179727m	42.671	ug/l	
77) Bromobenzene	12.53	156	216198	50.468	ug/l	99
78) n-propylbenzene	12.59	91	996456	43.180	ug/l	100
79) 2-Chlorotoluene	12.67	91	616568	50.676	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	750630	42.619	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51556	43.489	ug/l	97
82) 4-Chlorotoluene	12.77	91	594700	44.322	ug/l	99
83) tert-Butylbenzene	12.99	119	640289	51.446	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	731104	46.415	ug/l	100
85) sec-Butylbenzene	13.17	105	815121	42.581	ug/l	99
86) p-Isopropyltoluene	13.29	119	713867	45.371	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	351010	46.692	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	336998	47.602	ug/l	100
89) n-Butylbenzene	13.61	91	554408	49.588	ug/l	100
90) Hexachloroethane	13.87	117	115736	46.342	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	349041	46.845	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31769	53.751	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131742	45.191	ug/l	98
94) Hexachlorobutadiene	15.01	225	119534	53.511	ug/l	97
95) Naphthalene	15.13	128	258667	41.994	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	139104	48.187	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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